

Serial No. 09/679,687

-2-

Docket No. 2119-4266

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-24. (cancelled)

25. (previously presented) An isolated polynucleotide comprising:

- (a) a nucleotide sequence encoding a polypeptide having sucrose transport activity, wherein the polypeptide has an amino acid sequence of at least 90% sequence identity, based on the Clustal V method of alignment, when compared to SEQ ID NO:2, or
- (b) a complement of the nucleotide sequence, wherein the complement and the nucleotide sequence consist of the same number of nucleotides and are 100% complementary.

26. (previously presented) The polynucleotide of Claim 25, wherein the amino acid sequence of the polypeptide has at least 95% sequence identity, based on the Clustal V method of alignment, when compared to SEQ ID NO:2.

27. (previously presented) The polynucleotide of Claim 25, wherein the amino acid sequence of the polypeptide comprises SEQ ID NO:2.

28. (previously presented) The polynucleotide of Claim 25, wherein the nucleotide sequence comprises SEQ ID NO:1.

29. (previously presented) A vector comprising the polynucleotide of Claim 25.

987843 v1

Serial No. 09/679,687

-3-

Docket No. 2119-4266

30. (previously presented) A recombinant DNA construct comprising the polynucleotide of Claim 25 operably linked to at least one regulatory sequence.

31. (cancelled)

32. (previously presented) A cell comprising the recombinant DNA construct of Claim 30.

33. (cancelled)

34. (previously presented) A plant comprising the recombinant DNA construct of Claim 30.